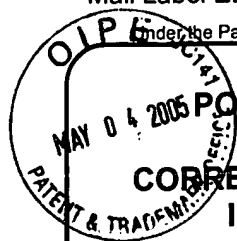


Mail Label ED005048787US

Approved for use through 11/30/2005. OMB 0651-0035  
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# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

Application Number	10/759,858
Filing Date	01/16/2004
First Named Inventor	Blauvelt
Title	Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof
Art Unit	2874
Examiner Name	Michelle R Connelly Cushwa
Attorney Docket Number	XPNT36NP

I hereby appoint:

☒ Practitioners associated with the Customer Number:

36394

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## **SIGNATURE of Applicant or Assignee of Record**

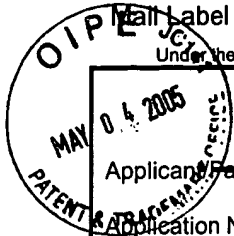
Signature	/Jeffrey S. Rittichier/	Date	04-28-05
Name	Jeffrey S. Rittichier	Telephone	626-599-8660
Title and Company	President and CEO, Xponent Photonics Inc		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Mail Label ED005048787US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Blauvelt et alApplication No./Patent No.: 10/759,858 Filed/Issue Date: 01/16/2004Entitled: Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereofXponent Photonics Inc, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Jeffrey S. Rittichier/04-28-05

Signature

Date

Jeffrey S. Rittichier626-599-8660

Printed or Typed Name

Telephone Number

President and CEO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

XPNT36NP

Whereas, I/We, Henry A. Blauvelt of San Marino, CA, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004

Application Number 10/759,858.

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA here referred

to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 15th day of March, 20 05.

at Monrovia CA

Henry A. Blauvelt  
Signature

Henry A. Blauvelt

Printed Name/Registration No., if applicable

State of CALIFORNIA

County of Los Angeles SS:

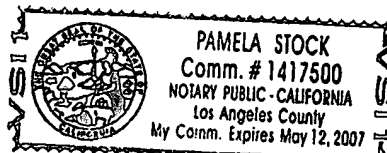
Before me personally appeared

said HENRY A. BLAUVELT

and acknowledged the foregoing instrument

to be his free act and deed this

15th day of MARCH, 20 05.



Pamela Stock

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below\*.

☒ Total of 7 forms are submitted.

\*COPY\*

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

XPNT36NP

Whereas, I/We, David W. Vernooy of Sierra Madre, CA, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004

Application Number 10/759,858

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA here referred

to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 15<sup>th</sup> day of March, 20 05

at Monrovia CA

*David W. Vernooy*  
Signature

David W. Vernooy

Printed Name/Registration No., if applicable

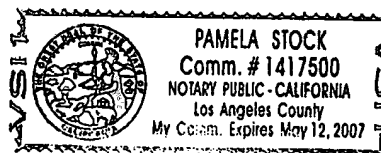
State of CALIFORNIA

County of Los Angeles SS:

Before me personally appeared

said DAVID W. VERNOOY  
and acknowledged the foregoing instrument  
to be his free act and deed this

15<sup>th</sup> day of MARCH, 2005.



*Pamela Stock*

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below\*.

☒ Total of 7 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

\*  
COPY  
\*

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
XPNT36NPWhereas, I/We, Joel S. Paslaski of Alhambra, CA, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004Application Number 10/759,858☐ for which an application for a United States Patent was executed on \_\_\_\_\_, andWhereas, Xponent Photonics Inc of Monrovia, CA here referredto "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 15<sup>th</sup> day of March, 20 05at Monrovia CA


Signature

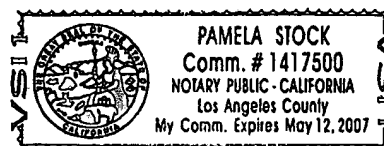
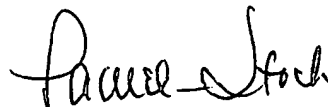
Joel S. Paslaski

 State of CALIFORNIA  
 County of Los Angeles SS:

Printed Name/Registration No., if applicable

Before me personally appeared

 said JOEL S. PASLASKI  
 and acknowledged the foregoing instrument  
 to be his free act and deed this

15<sup>th</sup> day of MARCH, 20 05.



Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below\*.

☒ Total of 7 forms are submitted.\*  
COPY  
\*

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

XPNT36NP

Whereas, I/We, Charles I. Grosjean of Pasadena, CA, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004

Application Number 10/759,858.

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA here referred

to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 15<sup>th</sup> day of March, 20 05.

at Monrovia CA.



Signature

Charles I. Grosjean

Printed Name/Registration No., if applicable

State of CALIFORNIA

County of Los Angeles SS:

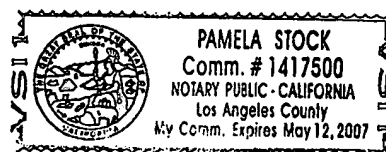
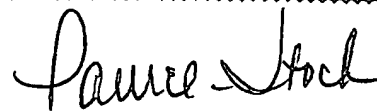
Before me personally appeared

said CHARLES I. GROSJEAN

and acknowledged the foregoing instrument

to be his free act and deed this

15<sup>TH</sup> day of MARCH, 20 05.

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below\*.

☒ Total of 7 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

\*COPY\*

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

XPNT36NP

Whereas, I/We, Franklin G. Monzon of Temple City, CA, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004

Application Number 10/759,858

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA here referred

to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 15<sup>th</sup> day of March, 20 05

at Monrovia CA

  
Signature

Franklin G. Monzon

Printed Name/Registration No., if applicable

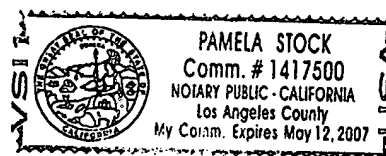
State of CALIFORNIA

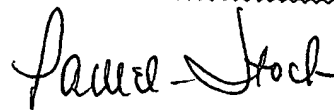
County of Los Angeles SS:

Before me personally appeared

said Franklin G. Monzon  
and acknowledged the foregoing instrument  
to be his free act and deed this

15<sup>th</sup> day of MARCH, 20 05





Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 7 forms are submitted.

\*  
COPY  
\*

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
XPNT36NP

Whereas, I/We, Katrina H. Nguyen of San Jose, CA, hereafter referred to as applicant, have invented certain new and useful improvements in Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/16/2004  
Application Number 10/759,858

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and  
Whereas, Xponent Photonics Inc of Monrovia, CA here referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 5<sup>th</sup> day of April, 2005  
at San Jose, California

  
Signature

Katrina H. Nguyen

State of Ca.  
County of San Clara SS:

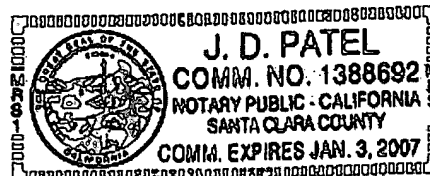
Printed Name/Registration No., if applicable

Before me personally appeared Katrina H. Nguyen

said \_\_\_\_\_  
and acknowledged the foregoing instrument  
to be his free act and deed this

5<sup>th</sup> day of April, 2005

J. D. Patel



Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 5 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

\*  
COPY  
\*



## ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
XPNT36NP

Whereas, I/We, Hao Lee of Fremont, CA, hereafter referred to as applicant, have invented certain new and useful improvements in Etched-facet semiconductor optical component with integrated end-coupled waveguide and methods of fabrication and use thereof

☒ for which an application for a United States Patent was filed on 01/18/2004  
Application Number 10/759,858

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and  
Whereas, Xponent Photonics Inc of Monrovia, CA here referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 5th day of April, 20 05  
at Fremont, CA

Signature

Hao Lee

Printed Name/Registration No., if applicable

State of CA  
County of Alameda SS:

Before me personally appeared

said Hao Lee  
and acknowledged the foregoing instrument to be his free act and deed this

5th day of April, 2005



Balant K. Sketh

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below.

☒ Total of 1 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OM3 officially approved form.

\*  
COPY  
\*